

# MPS System Losses

	Loss Factors by Voltage Level		
	<u>Winter</u>	<u>Non-Winter</u>	<u>Annual</u>
Secondary	0.91907	0.92345	0.92138
Primary	0.94876	0.95718	0.95323
Sub-Transmission	0.96336	0.97193	0.96757
Transmission	0.97120	0.97120	0.97120

## Application of Loss Factors

*MWh to be provided = (MWh at meter) / (applicable loss factor)*

## Weighted Average Loss Factors by Class

<b>Small Class</b>	<b><u>Total Class</u></b>	<b><u>SO @ Aug '03</u></b>
% of Class @ Secondary Voltage	100.0%	100.0%
<b>Small Class Weighted Average Loss Factor</b>	<b>0.92138</b>	<b>0.92138</b>

<b>Medium Class</b>	<b><u>Total Class</u></b>	<b><u>SO @ Aug '03</u></b>
% of Class @ Secondary Voltage	89.2%	99.3%
% of Class @ Primary Voltage	<u>10.8%</u>	<u>0.7%</u>
	100.0%	100.0%
<b>Medium Class Weighted Average Loss Factor</b>	<b>0.92482</b>	<b>0.92162</b>

<b>Large Class</b>	<b><u>Total Class</u></b>	<b><u>SO @ Aug '03</u></b>
% of Class @ Secondary	2.6%	0.0%
% of Class @ Primary	11.2%	0.0%
% of Class @ Sub-Transmission	27.1%	100.0%
% of Class @ Transmission	<u>59.1%</u>	<u>0.0%</u>
	100.0%	100.0%
<b>Large Class Weighted Average Loss Factor</b>	<b>0.96689</b>	<b>0.96757</b>

*(The weighted averages shown above for the medium and large classes reflect relative loads during a recent historic period. Actual relative loads and, thus, class loss factors during the term of SO service can vary.)*



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